Endian - Securing everyThing



Who's Endian?

- Endian was founded in 2003 at Appiano, Italy, by a team of experienced network specialists and Linux enthusiasts.
- Endian's goal and path of development are immediately clear: creating sophisticated UTM solutions, totally based on open source technology.
- Just one year later the community version is available: to date we count more than 1.700.000 downloads from the kick off.
- Dating back to the first release of the Enterprise version, more than 4000 companies, based on 50 countries, have chosen Endian UTM.





Endian Solutions

We meet all your needs





Network Security **Hotspot Management**



Industrial IoT Security

Secure Remote Connectivity



Endian UTM - Network Security

The Simplest and Most Secure UTM Available



Endian UTM - Key Features



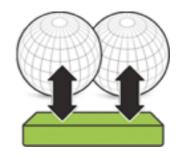
Stateful Firewall

Protect your network from Internet threats while providing appropriate access to resources inside and outside your network.



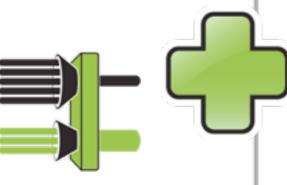
Centralized Management

Centrally manage and support all of your Endian devices from one convenient place. You can oneclick update or upgrade all your appliances and even manage your Endian licenses.



Multi-WAN (w/ Failover)

Make your business network more reliable by connecting multiple Internet connections. You can utilize them in a simple failover configuration or even use them simultaneously.



Intrusion Prevention

Protect your network resources from malicious attacks, hackers, and most other internal or external threats using our deep packet inspection intrusion prevention system.



IPSec & SSL VPN

Whether you need to provide remote access to your employees or connect multiple offices together, we've got a solution that is simple and secure.

Bandwidth Management (QoS)

Take control of your network bandwidth utilization and set priorities for business critical applications like VoIP, web, email and more to ensure the highest performance.



Web Security

Take control over who can surf and where they can go on your network while protecting your employees from web threats.



Email Security

Eliminate spam, phishing, and other malicious email from your network and provide top-notch protection against email-based viruses and other malware.



Provide a secure, integrated and customizable hotspot solution to your guests, employees or customers that even includes payment integration with Paypal.



Endian Hotspot - Hotspot Management

WiFi and Bring Your Own Device



Endian Hotspot for tourist accommodation and public places

Provide your customers and visitors with a simple and secure internet access

- Provide your visitors with secure wireless connection
- Ideal solution for hotels, airports, train stations, public squares, libraries...

- Free or charged tickets: you can choose.
- By using SmartConnect you can directly send ID and password to the user





Protection for any environment

Which is your platform?



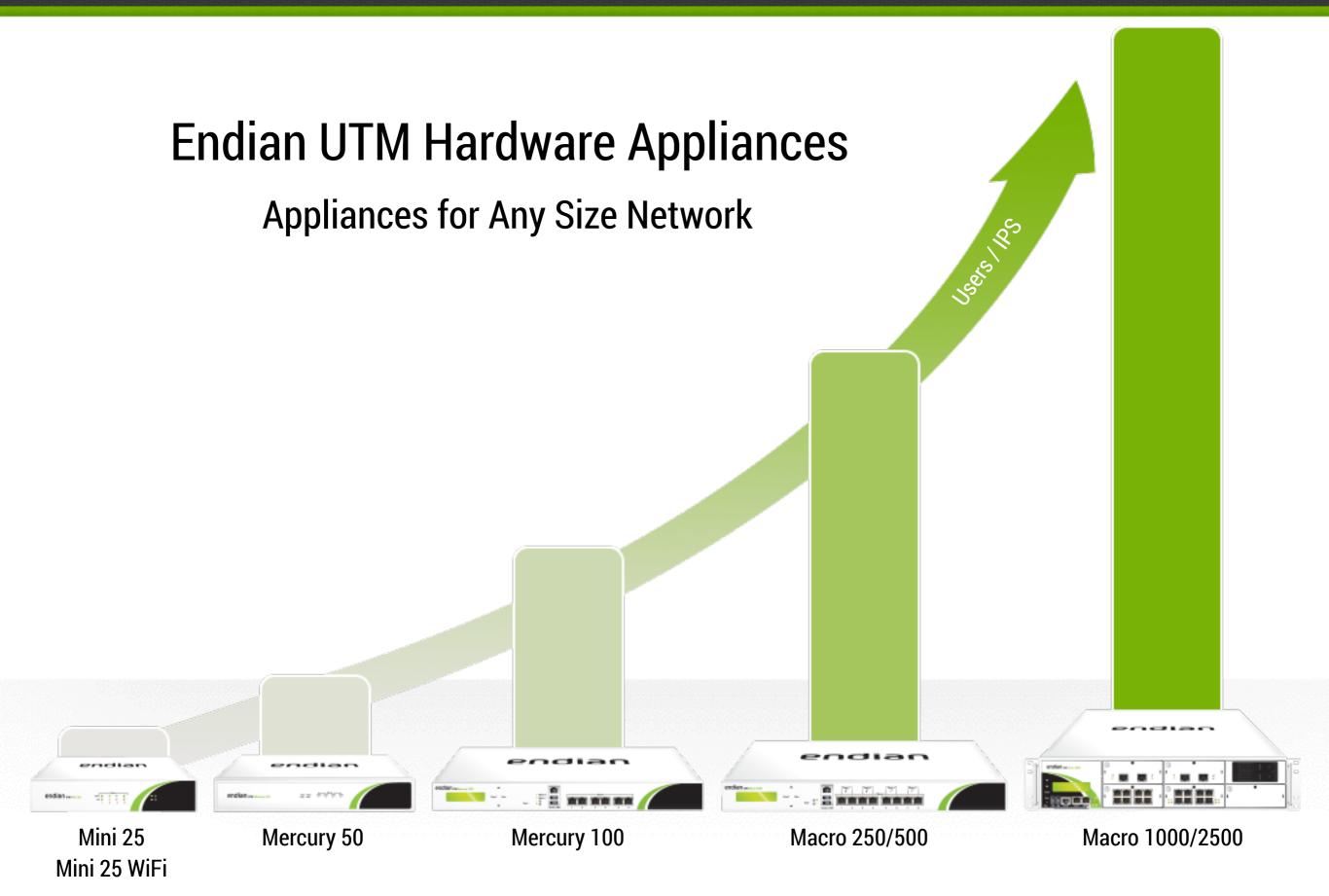
Hardware Appliances



Software Appliances



Virtual Appliances





Endian UTM Mini 25

The new generation of UTM hardware appliances

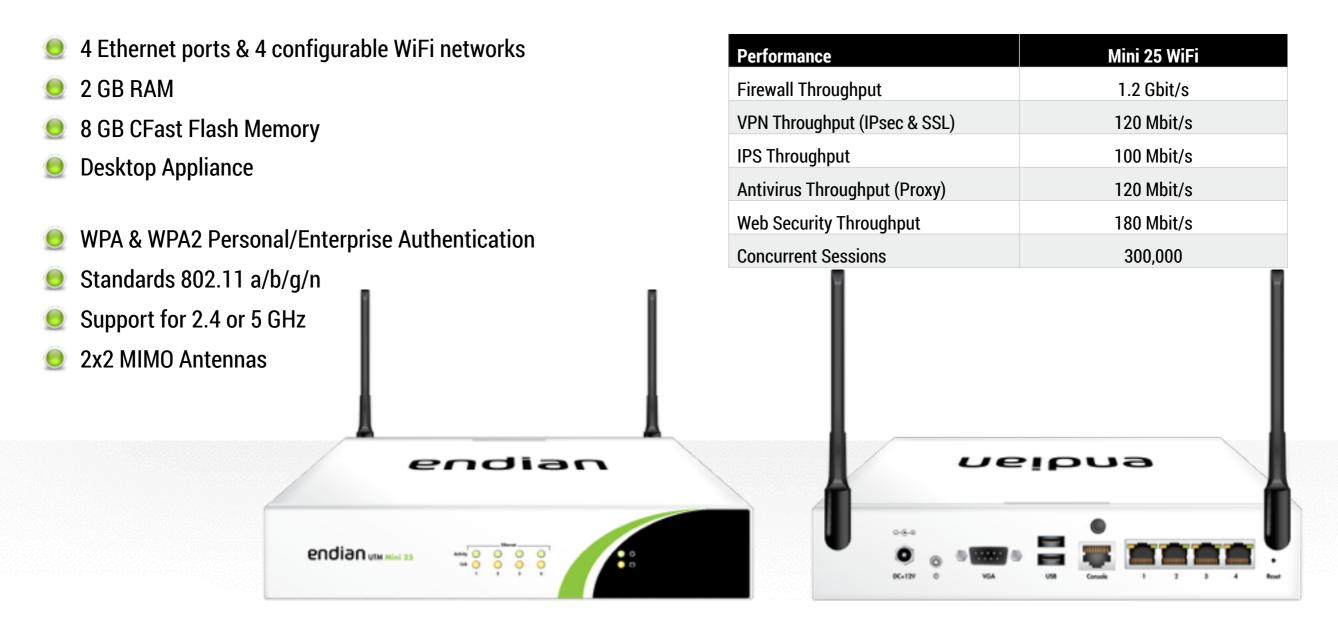
4 Ethernet ports
2 GB RAM
8 GB CFast Flash Memory
Desktop Appliance

Performance	Mini 25
Firewall Throughput	1.2 Gbit/s
VPN Throughput (IPsec & SSL)	120 Mbit/s
IPS Throughput	100 Mbit/s
Antivirus Throughput (Proxy)	120 Mbit/s
Web Security Throughput	180 Mbit/s
Concurrent Sessions	300,000



Endian UTM Mini 25 WiFi

The new generation of UTM hardware appliances



Endian UTM Mercury 50

The new generation of UTM hardware appliances

- 🧕 5 Ethernet ports
- 🧕 2 GB RAM
- 🧕 320 GB Hard disk
- Desktop Appliance

Performance	Mercury 50
Firewall Throughput	1.55 Gbit/s
VPN Throughput (IPsec & SSL)	155 Mbit/s
IPS Throughput	120 Mbit/s
Antivirus Throughput (Proxy)	150 Mbit/s
Web Security Throughput	250 Mbit/s
Concurrent Sessions	300,000



Endian UTM Mercury 100

The new generation of UTM hardware appliances

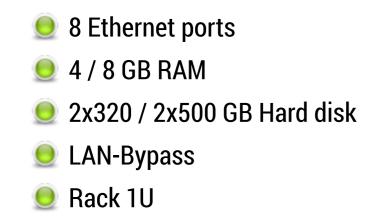
6 Ethernet ports
4 GB RAM
2x320 GB Hard disk
LAN-Bypass
Rack 1U

Performance	Mercury 100
Firewall Throughput	2.5 Gbit/s
VPN Throughput (IPsec & SSL)	220 Mbit/s
IPS Throughput	160 Mbit/s
Antivirus Throughput (Proxy)	250 Mbit/s
Web Security Throughput	400 Mbit/s
Concurrent Sessions	500,000



Endian UTM Macro 250 and 500

The new generation of UTM hardware appliances



Performance	Macro 250	Macro 500
Firewall Throughput	5.1 Gbit/s	10 Gbit/s
VPN Throughput (IPsec	880 Mbit/s	1.4 Gbit/s
IPS Throughput	590 Mbit/s	900 Mbit/s
Antivirus Throughput	1.4 Gbit/s	2.5 Gbit/s
Web Security	2.7 Gbit/s	4.8 Gbit/s
Concurrent Sessions	1,500,000	2,500,000



Endian UTM Macro 1000 and 2500

The new generation of UTM hardware appliances

- 🧕 10/18 Ethernet ports
- 🧕 16/32 GB RAM
- 👱 2x500/2x1000 GB Hard disk
- LAN-Bypass
- 🧕 Rack 2U
- 2x 10Gigabit SFP+ (optional)

Performance	Macro 1000	Macro 2500
Firewall Throughput	20 Gbit/s	30 Gbit/s
VPN Throughput (IPsec	2.5 Gbit/s	4 Gbit/s
IPS Throughput	1.8 Gbit/s	2.5 Gbit/s
Antivirus Throughput	3.5 Gbit/s	5 Gbit/s
Web Security	10 Gbit/s	15 Gbit/s
Concurrent Sessions	2,500,000	5,000,000







Endian UTM Software Appliances

Run Endian on your own Hardware





Endian UTM Virtual Appliance

Secure and Protect Cloud & Virtual Infrastructure



- Run in VMware, Xen, KVM hypervisors
- Allocate resources as necessary
- No user or VPN license restrictions





Added Support for:

iOS (iPhone[™], iPad[™], and iPod Touch[™]) and Android

- No Requirement to Install 3rd Party VPN Application --Works Natively (OpenVPN, IPsec) with iOS, Android, Windows 7 and Mac OS X
- Available on All Endian Appliances





Endian 4i – Industrial IoT Security We meet all your needs





Endian 4i Edge 112

Powerful desktop industrial solution

Highlights:

- 🧕 0 to +60°C Temperature
- 🧕 Simple, Secure VPN Access
- 9 Power Input 24V DC

Recommended for:

- 🧕 Infrastructure
- 🧕 Healthcare
- 🧕 Communications

Performance	4i Edge 112	
Firewall Throughput	120 Mbps	~ ~
VPN Throughput	30 Mbps	6 6
IPS Throughput	20 Mbps	СОМ



Endian 4i Edge 313

The DIN rail industrial solution

Highlights:

- 0 to +60°C operating temperature
- 🧕 Simple, secure VPN access
- 🧕 3G Module (optional)
- 9 Power input 24V DC

Performance	4i Edge 313
Firewall Throughput	120 Mbps
VPN Throughput	30 Mbps
IPS Throughput	20 Mbps

Recommended for:

- 🧕 Machine building
- 🧕 Manufacturing
- 🧕 Infrastructure







Endian 4i Edge 515

The most robust industrial solution

Highlights:

- -20 to +70°C operating temperature
- 🧕 Simple, secure VPN access
- 🧕 3G Module (optional)
- Dual power input 24V DC

Performance	4i Edge 515
Firewall Throughput	120 Mbps
VPN Throughput	30 Mbps
IPS Throughput	20 Mbps



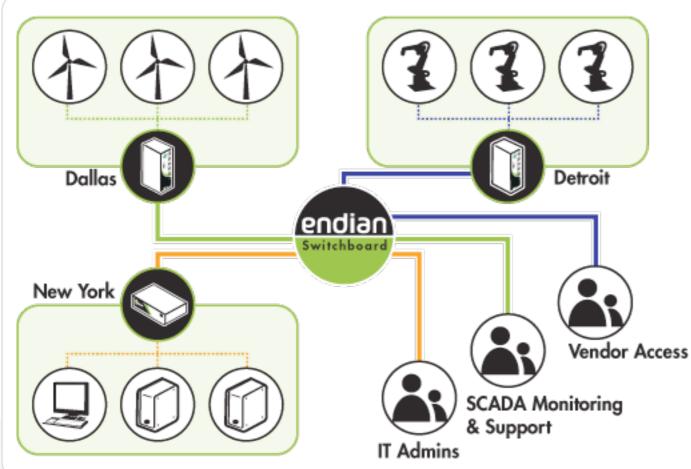
- 🧕 Machine building
- 🧕 Manufacturing
- 🧕 Infrastructure
- 🧕 Healthcare
- 🧕 Communications







Switchboard Key Features



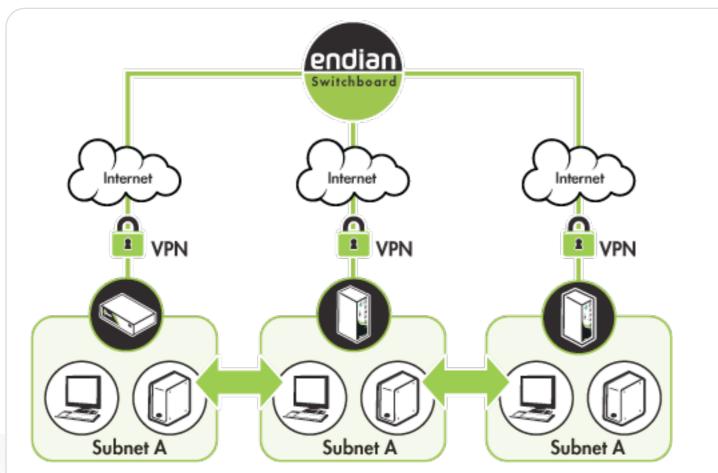
The deployment of the solution

Simply and securely connect your various users or groups (of users) to individual devices or device groups without any client side configuration. The client just installs the software and connects to the Switchboard and all their device access is available.

Group your users and/or devices by job roles or device access levels to only allow the access required (and nothing more)



Switchboard Key Features

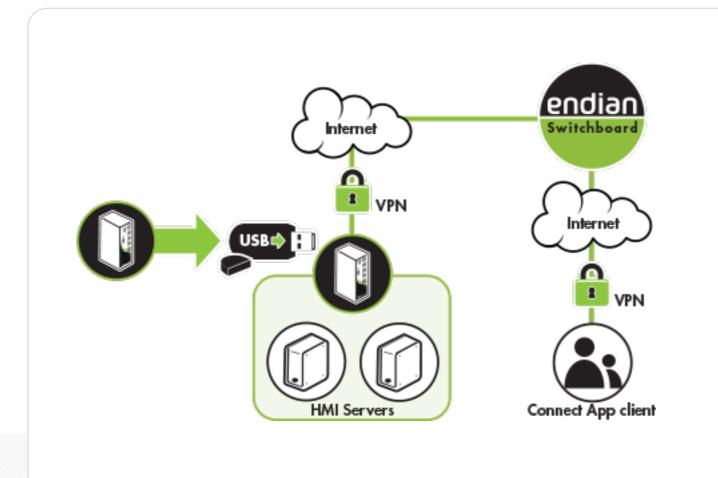


Subnet Mapping

IPs overlapping is no longer a problem: Endian Switchboard automatically remaps all your customers networks.



Switchboard Key Features

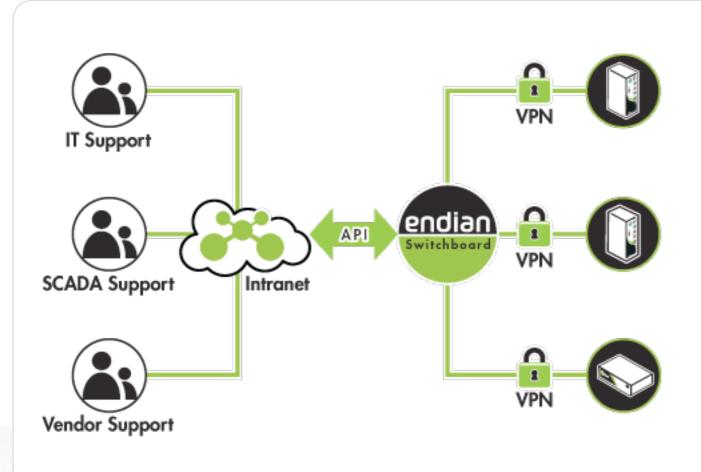


USB Provisioning

The provisioning is implemented through a simple USB key that spreads the chosen configuration settings to the Endian 4i appliances.



Switchboard Key Features

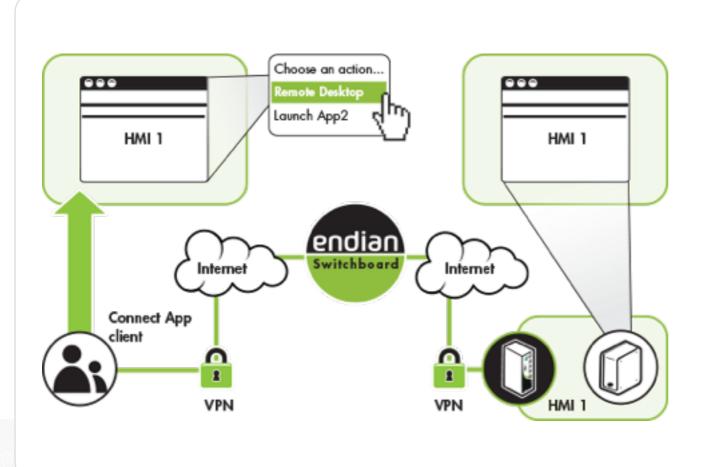


Development Access (API)

Thanks to API interface it is possible to integrate all the Switchboard functionalities on existent platforms (such as partners support portal).



Switchboard Key Features

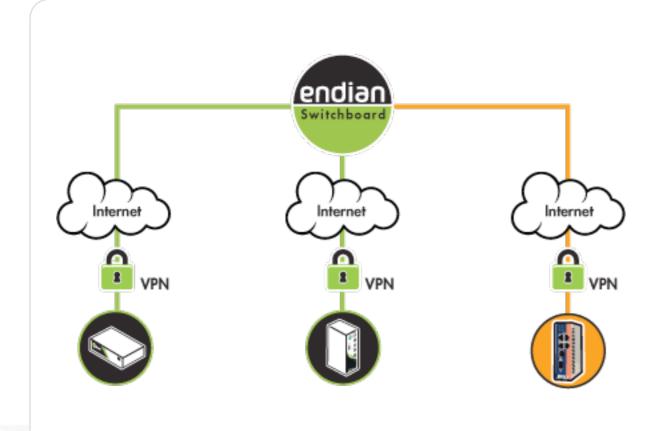


Applications

With Endian 4i series it is possible to set up actions and group of actions for any device: via pre-configured hyperlinks one can launch applications to access the endpoints (PLCs, HMIs, Web Servers, etc.) behind the firewall.



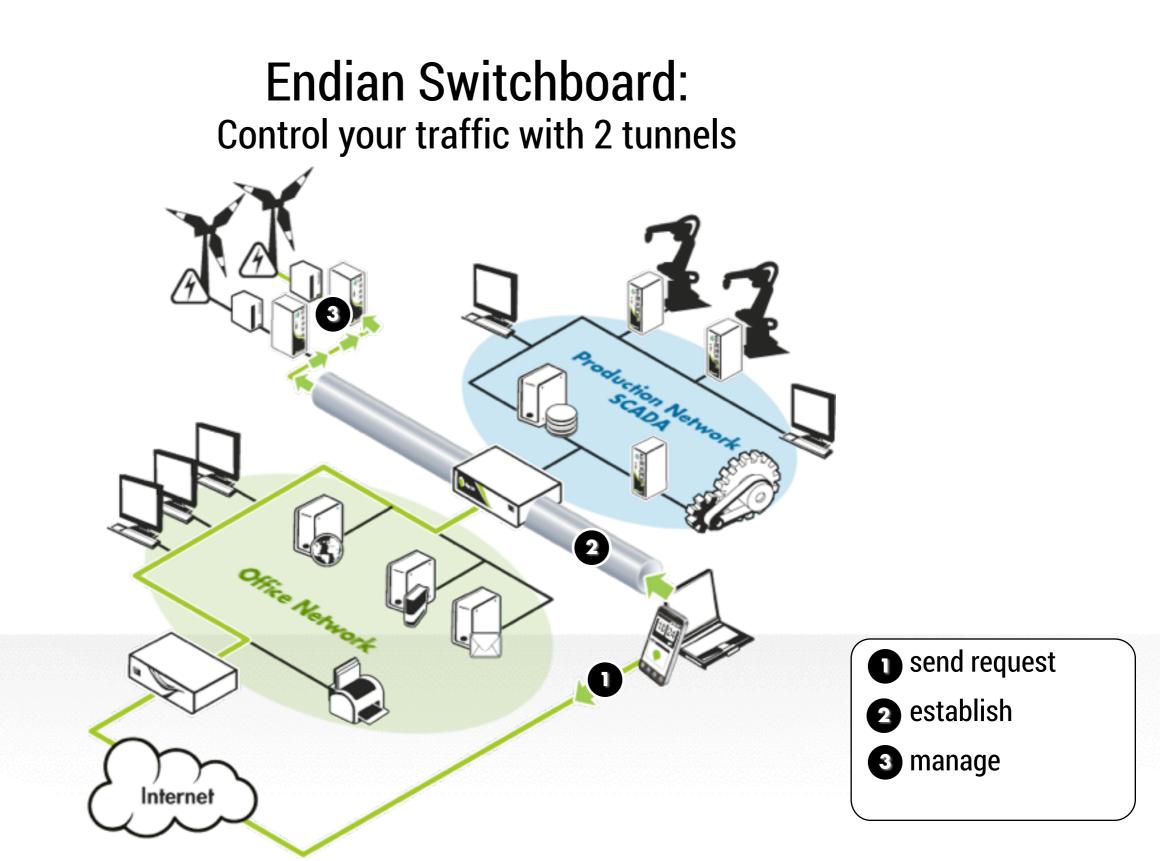
Switchboard Key Features



Interoperable

In the event where existing endpoint devices are in place, you can use the Switchboard to manage any device that utilizes Open VPN (SSL) technology. This helps to reduce the cost of replacing edge devices and minimizes the impact of potential down-time of the network.

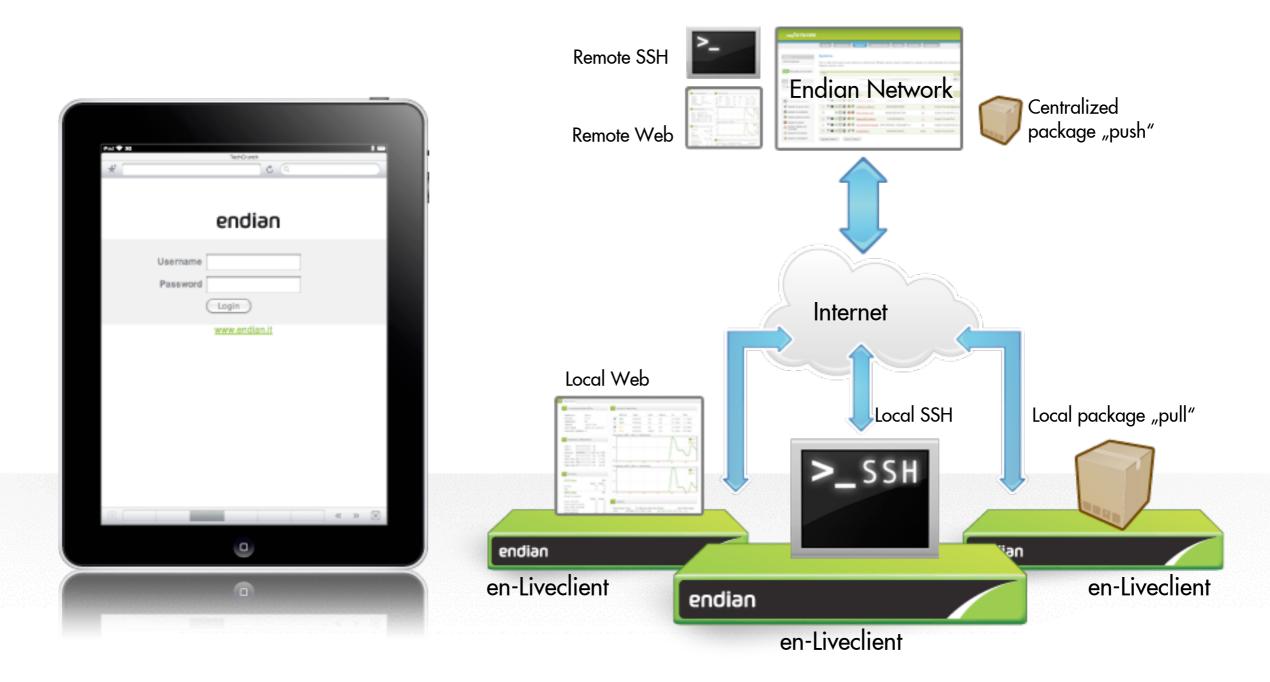






Endian Network

Secure remote and mobile access





Endian Maintenance Packages

What's Included with Endian Maintenance

Endian Network

Endian Updates

Endian Upgrades

Endian Support

(Central Management)



(Protection Packages)

NEV

(Newest Features)



(Product Assistance)





Endian - Securing everyThing



- Endian UTM Online Demo <u>www.endian.com/products/utm-demo/</u>
- Endian Hotspot Online Demo www.endian.com/products/hotspot-demo/
- Endian Connect Switchboard Online Demo www.endian.com/products/connect-demo/
- Endian 4i Online Demo <u>www.endian.com/products/4i-demo/</u>

Thank you!